



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/763,367
Source: FWO
Date Processed by STIC: 2/9/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or;
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT

MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>>, EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/763,367

DATE: 02/09/2004

TIME: 08:12:50

Input Set : A:\ISIS0107-100.SEQ.txt

Output Set: N:\CRF4\02092004\J763367.raw

3 <110> APPLICANT: Bennett, C. Frank
 4 Monia, Brett P.
 5 McKay, Robert
 6 Baker, Brenda F.
 8 <120> TITLE OF INVENTION: Hepatocyte Free Uptake Assays
 10 <130> FILE REFERENCE: ISIS0107-100 (CORE0028US)
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/763,367
 C--> 12 <141> CURRENT FILING DATE: 2004-01-23
 12 <160> NUMBER OF SEQ ID NOS: 33
 14 <170> SOFTWARE: PatentIn Ver. 3.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 24
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Artificial Sequence
 21 <220> FEATURE:
 22 <223> OTHER INFORMATION: Description of Artificial Sequence: PTEN forward primer
 24 <400> SEQUENCE: 1
 25 atgacaatca tgttgacga attc 24
 27 <210> SEQ ID NO: 2
 28 <211> LENGTH: 25
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Artificial Sequence
 32 <220> FEATURE:
 33 <223> OTHER INFORMATION: Description of Artificial Sequence: PTEN reverse primer
 35 <400> SEQUENCE: 2
 36 cgatgcaata aatagcaca aatca 25
 38 <210> SEQ ID NO: 3
 39 <211> LENGTH: 26
 40 <212> TYPE: DNA
 41 <213> ORGANISM: Artificial Sequence
 43 <220> FEATURE:
 44 <223> OTHER INFORMATION: Description of Artificial Sequence: PTEN probe
 46 <400> SEQUENCE: 3
 47 gtaaaagctgg aaagggacgg actggt 26
 49 <210> SEQ ID NO: 4
 50 <211> LENGTH: 21
 51 <212> TYPE: DNA
 52 <213> ORGANISM: Artificial Sequence
 54 <220> FEATURE:
 55 <223> OTHER INFORMATION: Description of Artificial Sequence: fas forward primer
 57 <400> SEQUENCE: 4
 58 tccaagacac agctgacga a
 60 <210> SEQ ID NO: 5

Does Not Comply
 Corrected Diskette Needed
 p.6

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/763,367

DATE: 02/09/2004

TIME: 08:12:50

Input Set : A:\ISIS0107-100.SEQ.txt

Output Set: N:\CRF4\02092004\J763367.raw

61 <211> LENGTH: 22
 62 <212> TYPE: DNA
 63 <213> ORGANISM: Artificial Sequence
 65 <220> FEATURE:
 66 <223> OTHER INFORMATION: Description of Artificial Sequence: fas reverse primer
 68 <400> SEQUENCE: 5
 69 tgcacacac ttcccatgag at 22
 71 <210> SEQ ID NO: 6
 72 <211> LENGTH: 26
 73 <212> TYPE: DNA
 74 <213> ORGANISM: Artificial Sequence
 76 <220> FEATURE:
 77 <223> OTHER INFORMATION: Description of Artificial Sequence: fas probe
 79 <400> SEQUENCE: 6
 80 agtccagctg ctctgtgtct ggtacc 26
 82 <210> SEQ ID NO: 7
 83 <211> LENGTH: 19
 84 <212> TYPE: DNA
 85 <213> ORGANISM: Artificial Sequence
 87 <220> FEATURE:
 88 <223> OTHER INFORMATION: Description of Artificial Sequence: apolipoprotein b forward

primer

90 <400> SEQUENCE: 7
 91 cgtgggctcc agcattcta 19
 93 <210> SEQ ID NO: 8
 94 <211> LENGTH: 21
 95 <212> TYPE: DNA
 96 <213> ORGANISM: Artificial Sequence
 98 <220> FEATURE:
 99 <223> OTHER INFORMATION: Description of Artificial Sequence: apolipoprotein b reverse

primer

101 <400> SEQUENCE: 8
 102 agtcatttct gcctttgcgt c 21
 104 <210> SEQ ID NO: 9
 105 <211> LENGTH: 22
 106 <212> TYPE: DNA
 107 <213> ORGANISM: Artificial Sequence
 109 <220> FEATURE:
 110 <223> OTHER INFORMATION: Description of Artificial Sequence: apolipoprotein b probe
 112 <400> SEQUENCE: 9
 113 ccaatggtcg ggcactgctc aa 22
 115 <210> SEQ ID NO: 10
 116 <211> LENGTH: 21
 117 <212> TYPE: DNA
 118 <213> ORGANISM: Artificial Sequence
 120 <220> FEATURE:
 121 <223> OTHER INFORMATION: Description of Artificial Sequence: microsomal triglyceride
 transfer protein forward primer
 123 <400> SEQUENCE: 10
 124 gagcggtctg gatttacaac g 21
 126 <210> SEQ ID NO: 11
 127 <211> LENGTH: 24

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/763,367

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Input Set : A:\ISIS0107-100.SEQ.txt

Output Set: N:\CRF4\02092004\J763367.raw

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128 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: Description of Artificial Sequence: microsomal triglyceride
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135 aggtagtgc agatgtggct ttg          24
137 <210> SEQ ID NO: 12
138 <211> LENGTH: 23
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Description of Artificial Sequence: microsomal triglyceride
transfer protein probe
145 <400> SEQUENCE: 12
146 caaaccaggt gctggcgctc agt 23
148 <210> SEQ ID NO: 13
149 <211> LENGTH: 15
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence: murine cyclophilin a
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156 <400> SEQUENCE: 13
157 tcgccgcttg ctgca          15
159 <210> SEQ ID NO: 14
160 <211> LENGTH: 17
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: murine cyclophilin a
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167 <400> SEQUENCE: 14
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170 <210> SEQ ID NO: 15
171 <211> LENGTH: 23
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Description of Artificial Sequence: murine cyclophilin a
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178 <400> SEQUENCE: 15
179 ccattgtcaa cccaccgtg ttc 23
181 <210> SEQ ID NO: 16
182 <211> LENGTH: 20
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: PTEN antisense
189 <400> SEQUENCE: 16
190 ctgctagcct ctggatttga          20
192 <210> SEQ ID NO: 17
193 <211> LENGTH: 20

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194 <212> TYPE: DNA

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/763,367

DATE: 02/09/2004

TIME: 08:12:50

Input Set : A:\ISIS0107-100.SEQ.txt

Output Set: N:\CRF4\02092004\J763367.raw

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195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Description of Artificial Sequence: PTEN antisense
200 <400> SEQUENCE: 17
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203 <210> SEQ ID NO: 18
204 <211> LENGTH: 20
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Description of Artificial Sequence: PTEN antisense
211 <400> SEQUENCE: 18
212 ctgctagcct ctggattga                20
214 <210> SEQ ID NO: 19
215 <211> LENGTH: 20
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: Description of Artificial Sequence: PTEN antisense
222 <400> SEQUENCE: 19
223 cttctggcat ccggtttaga                20
225 <210> SEQ ID NO: 20
226 <211> LENGTH: 20
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: Description of Artificial Sequence: Fas antisense
233 <400> SEQUENCE: 20
234 tccagcactt tctttccgg                20
236 <210> SEQ ID NO: 21
237 <211> LENGTH: 20
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Description of Artificial Sequence: Fas antisense
244 <400> SEQUENCE: 21
245 tccatctcct tttatgccg                20
247 <210> SEQ ID NO: 22
248 <211> LENGTH: 20
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Description of Artificial Sequence: MTTP antisense
255 <400> SEQUENCE: 22
256 cccagcacct ggtttgccg                20
258 <210> SEQ ID NO: 23
259 <211> LENGTH: 20
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/763,367

DATE: 02/09/2004
TIME: 08:12:50

Input Set : A:\ISIS0107-100.SEQ.txt
Output Set: N:\CRF4\02092004\J763367.raw

263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence: Apo B antisense
266 <400> SEQUENCE: 23
267 gtccctgaag atgtcaatgc 20
269 <210> SEQ ID NO: 24
270 <211> LENGTH: 21
271 <212> TYPE: DNA/RNA *the only valid responses for a nucleotide sequence are: DNA or RNA. Use "DNA" for a combined DNA/RNA*
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of Artificial Sequence: PTEN antisense *sequence*
277 <400> SEQUENCE: 24
278 cugcuagccu cuggauuugt t 21 *and explain*
280 <210> SEQ ID NO: 25
281 <211> LENGTH: 21 *DNA and explain in <2207-2223>*
282 <212> TYPE: DNA/RNA *section*
283 <213> ORGANISM: Artificial Sequence *section*
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Description of Artificial Sequence: PTEN sense *↓*
288 <400> SEQUENCE: 25 *see 1.823*
289 caaauccaga ggcuaagcgt t 21 *of sequence rules*
291 <210> SEQ ID NO: 26
292 <211> LENGTH: 21 *DNA*
293 <212> TYPE: DNA/RNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: Description of Artificial Sequence: PTEN antisense
299 <400> SEQUENCE: 26
300 cuucuggcau ccgguuuagt t 21
302 <210> SEQ ID NO: 27
303 <211> LENGTH: 21 *DNA*
304 <212> TYPE: DNA/RNA *Please correct this error in subsequent sequences, if shown.*
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Description of Artificial Sequence: PTEN sense
310 <400> SEQUENCE: 27
311 cuaaaccgga ugccagaagt t 21
313 <210> SEQ ID NO: 28
314 <211> LENGTH: 21
315 <212> TYPE: RNA
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Description of Artificial Sequence: PTEN antisense
321 <400> SEQUENCE: 28
322 cugcuagccu cuggauuuga c 21
324 <210> SEQ ID NO: 29
325 <211> LENGTH: 21
326 <212> TYPE: RNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 02/09/2004

PATENT APPLICATION: US/10/763,367

TIME: 08:12:51

Input Set : A:\ISIS0107-100.SEQ.txt

Output Set: N:\CRF4\02092004\J763367.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:10; Line(s) 121

Seq#:11; Line(s) 132

Seq#:12; Line(s) 143

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/763,367

DATE: 02/09/2004

TIME: 08:12:51

Input Set : A:\ISIS0107-100.SEQ.txt

Output Set: N:\CRF4\02092004\J763367.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date